



KRISHNA VISHWA VIDHYAPEETH

Deemed to be University
Formerly known as KIMS DU
Knowledge Innovation Excellence
Accredited by NAAC with 'A+' Grade

DEPARTMENT OF COMMUNITY MEDICINE

Curriculum for Master of Public Health

Krishna Institute of Medical Sciences, Karad

KRISHNA INSTITUTE OF MEDICAL SCIENCES, KARAD

Dept. Of Community Medicine

Master of Public Health

[BOS 2026]

Course Code- 1505

Paper - 1st - 1505 - 11

Paper - 2nd -1505 - 12

Paper - 3rd - 1505 - 13

Curricula implemented by the university.

Master of Public Health Syllabus

1. Preamble

The purpose of the Master of public (MPH) programme is to train human resources in the science of public health, with a firm understanding of the determinants of health and the public health system in the country, the community context, the determinative influences of globalization urbanization, global and national policies and a strong foundation in research methodology.

2. Objectives

To prepare public health practitioners who shall be able to

- Perform community diagnosis
- Design strategies to enhance community health
- Implement intervention programs to address public health challenges
- Skills to develop public health policy
- Evaluate the impact of public health programme on community health
- Provide leadership skills in public health administration

3. Program outcome

The course will help candidate to develop skills in the following areas:

- Analytical and assessment skills for collecting and interpreting information
- Policy planning and development skills to address public health challenges
- Communication skills for advocacy, dissemination and evaluation of public health data and information
- Financial planning and management skills for running public health programs in the country

4. Program specific outcomes

- Apply the course learning to the public health system and its challenges
- Develop, implement and evaluate key public health policies
- Develop and demonstrate competency in managing health systems at different levels
- Develop competency in research

5. Eligibility

- Eligibility criteria: Bachelor's Degree in biological, clinical and social sciences including any branch of Health Sciences (MBBS/BDS/BAMS/BUMS/BHMS/BPTH, B Pharm, Pharm D) recognized by respective councils, B.A.(Anthropology, Sociology, Psychology), B.Sc (PMT, B.Sc & P.B .B.Sc Nursing, Nutrition and Dietetics

6. Duration of course - Two years

7. Medium of Instruction - English

8. Attendance - 80%

Semester I

Paper -I:

Theory -75 Hours (Credits – 5) Practical - (Hrs 60, Credits – 02)

➤ **Evolution of medicine & Concept of Public Health**

- Medicine in antiquity, Scientific medicine, Modern medicine, Medical revolution, Health care revolution
- Concept of public health

➤ **Concept of Health and Disease**

- Definition of health, Concepts of health
- Dimensions and determinants of health, Responsibility for health- individual, community, state, international
- Indicators of health
- Concept of disease- theories of disease causation, concept of control and prevention of disease

➤ **Basic Epidemiology and Epidemiologic Methods**

- History of Epidemiology
- Measurements in Epidemiology
- Incidence and prevalence
- Causation and association
- Measures of association
- Study designs (including cross sectional study design, case control study design, cohort study design and randomized control trials)
- Introduction to confounding and bias
- Screening tests- validity and reliability methods
- Disease surveillance
- Outbreak investigation

Paper II:

Theory- 45 Hours (Credits – 03) Practical – 60 Hours (Credits – 02)

➤ **Medical Sociology**

- Introduction on sociological perspectives on health
- Key concepts in sociology as applied to the study of health
- Social and cultural processes impacting health status and access to health services
- Introduction to behavior change theories and communication
- Health and human behavior

➤ **Effective communication in healthcare**

- Human behavior and communication, its role in public health problems and solutions
- Verbal vs. Non-verbal communication
- Various forms of written communication
- Consensus building
- Using audio visual aid in communication
- Implementing and managing social and behaviour change communication in public health: Information Education and Communication (IEC), Inter Personal Communication (IPC), Behaviour Change Communication (BCC), Social Behaviour Change Communication (SBCC)
- Etiquettes and professionalism

Paper III:

Theory- 45 Hours (Credits – 03)

Practical – 120 Hours (Credits – 04)

➤ **Basic Medical Statistics**

- Data Types and Presentation of data
- Types of variables
- Scales of measurement
- Measures of central tendency/ Measures of dispersion:
- Types of distribution
- Sample/sampling and population distribution
- Testing of Hypotheses.
- Type1 and type 2 error and power calculation
- p-value and 95% confidence Interval
- Parametric and non-parametric test
- How to choose the statistical test
- Correlation
- Basics of regression
- One statistical software (SPSS/Stata)- Computer Application Use of Computer in data analysis and research, Use of Software and Statistical package. Introduction to SPSS. Importing data from excel, access, tab and comma separated files. Entering data, labelling a variable, coding and recoding a categorical and continuous variable. Converting data from string to numeric variables, sorting & filtering, merging, appending data sets.

➤ **Environment & Health**

- Theories and history of environmental health
- Environmental health policy and legal mechanisms in a national and international context
- Ecosystems in various settings (linking the built environment, transport, housing and green space to human health)
- Environmental pollution, waste disposal and treatment
- Lifestyle and dietary effects on health
- Central Pollution Control Board (CPCB) guidelines
- Environmental health impact assessment

➤ **Practical- Field Visits**

- Water treatment plant
- Sewage treatment plant
- BMWM
- Old-age home visit
- Remand home visit

Generic electives –

Theory- 75 Hours (Credits – 5)

➤ **Stress management**

a) Theory -

- Stress -Eustress Vs Distress
- Symptoms
- Types of stress
- Sources of stress
- Factors influencing stress response
- Measuring stress
- Coping Techniques
- Emotional intelligence
- Physiology of stress
- Stress related disorders

➤ **Personality development**

a) Theory

- Introduction to Personality Development
 - The Developing Personality
 - Stages of Development
 - ‘Need’ a little personality
 - Basic Personality Traits
 - Moral Development
 - What’s your personality type?
 - Hearing Jung Out
 - Personality and Career Choice
 - Changing Your Personality
- **Dissertation – Practical – 60 Hours (Credits – 02)**
 - Selection of research topic
 - Preparation of protocol
 - Protocol review and ethical committee review.

M.P.H. Semester I

Course	Course title	Number of Hours per semester		Total	Number of Credits / Semester		Total Credits
		Theory	Practical		Theory	Practical	
		Paper – I	<ul style="list-style-type: none"> ▪ Evolution of medicine & Concept of Public Health ▪ Concept of 		75	60	

	health and disease ▪ Principles of Epidemiology and Epidemiologic Methods						
Paper - II	▪ Medical Sociology ▪ Effective communication in Healthcare	45	60	105	3	2	5
Paper- III	▪ Basic Medical Statistics ▪ Environment and Health	45	120	165	3	4	7
GE	▪ Stress management ▪ Personality development	75	-	75	5	-	5
	▪ Dissertation	0	60	60	-	2	2
	Total	240	300	540	16	10	26

Semester – II

Paper I

Theory (45 Hrs, Credits – 03)

Practical - (90 Hrs, Credits – 03)

- **Communicable diseases Epidemiology:**
 - Recognize the burden of communicable diseases (CD) affecting the population
 - Examine factors contributing to the persistence of infectious diseases
 - Understand reasons for emergence and re-emergence of infectious diseases

- Key concepts covered are: Incubation periods, Epidemic patterns, Modes of transmission, Transmission dynamics, Secondary attack rates
- Analyze the transmission dynamics of diseases and design appropriate control measures
- Apply basic infectious diseases epidemiological skills to address major emerging and re-emerging communicable diseases
- Surveillance: Case in point: Integrated Disease Surveillance Program(IDSP)
- Epidemiology of common communicable diseases like TB, Malaria, Leprosy, Polio, STIs, AIDS, Meningococcal meningitis, Hepatitis B, and Measles(mathematical models of infection dynamics, outbreak investigation and surveillance, schedules, adverse reactions, contraindications, vaccine efficacy, impact assessment)
- Concept of control & levels of prevention.
- Live outbreak investigation
- Adverse Event Following Immunization (AEFI) investigation

Paper II

Theory- 45 Hrs (Credits – 03)

Practical – 30 Hrs (Credits – 01)

➤ **Occupational health:**

- Occupational Health: Hazards at workplace and work safety; Prevention of occupational hazards;
 - Laws related to occupational health;
 - Various government and other schemes for working population in India
 - Climate Change & Health
- Biomedical Waste Management
- Disaster Management

Paper III

Theory – 30 Hrs (Credits – 02)

Practical - 60 Hrs (Credits – 02)

➤ **Reproductive, Maternal Health, Child Health and adolescent (RMNCH+A)**

- Adolescent Sexual and Reproductive Health
- Understanding Reproductive Health Policy
- Family Welfare and Reproductive Health measures
- Reproductive Health programs in India
- Introduction to maternal, new-born and child health programs and their behavioural basis
- Historical developments in MCH in India
- Introduction to the RMNCH+A services – historical context, evolution, coverage and innovations
- Various components of service delivery under RMNCH+A (including GoI programs)
- Maternal, New-born and Child Health (MNCH) services in the country
- Adolescent health
- Role of gender in public health programs
- Evolution of RCH services in the country – Millennium Development Goals (MDGs) and Sustainable Development Goals (SDGs)
- Innovations in service delivery
- Framework for evaluation of services
- Reproductive & Perinatal Epidemiology
- Prenatal and Infant Growth and Development

- Issues in the Reduction of Maternal and Neonatal Mortality
- Preventing peri-natal and infant mortality
- Infectious Disease and Child Survival
- Nutrition and Growth in Maternal and Child Health
- Legislations and programs in MCH
- Overview of population health approaches for adolescents
- Adolescent Health and Development
- The Social Context of Adolescent Health and Development
- International Adolescent Health
- Adolescent Health status in India
- Adolescent Health Development - policy and systems
- Health issues specific to adolescents: anaemia, teenage pregnancy, menstrual hygiene, obesity, mental health promotion and illness prevention, substance use prevention, violence, media etc.
- Define concepts - Gender, vulnerable populations, gender equality and equity and emerging issues
- Understand the difference between equity and equality

Discipline specific electives - Theory -60 Hrs ; Practical 90, Credits –7)

➤ **Research Methodology**

a) Theory

- Introduction to research
- Framing of research question
- Study designs
- Sample size and sampling
- Measurement in research
- Methods of Data Collection
- Different Steps in Writing Report
- Ethics in medical research

b) Practical

- Data collection tools
- Analysis of- Qualitative data, Quantitative data, mixed methods
- Tests of significance
- Software used in data analysis

➤ **Law and Ethics in Public Health**

- Public Health laws and ethics
- Human rights in public health
- Role of governments in managing health of people
- Public health regulations in Indian context
- Public health information and privacy
- Research ethics in public health
- Regulations during emergencies and outbreaks
- Addressing newer challenges: Bioterrorism, conflicts and emerging infectious diseases
- Public Health laws in global economy
- Global health hazards and security
- Different forms of power, influential to policy making
- Concept of governance and institutions

- Different theories useful in policy analysis
 - Political nature of evidence for policy making in health
 - Written and verbal competence in communicating evidence to inform policy
- **Dissertation - Practical – 120 Hrs (Credits –4)**
- Data entry and analysis

M.P.H. Semester II

Course	Course title	Number of Hours per semester		Total	Number of Credits / Semester		Total Credits
		Theory	Practical		Theory	Practical	
Paper – I	<ul style="list-style-type: none"> ▪ Communicable Diseases – Epidemiology ▪ Mental Health 	45	90	135	3	3	6

Paper – II	<ul style="list-style-type: none"> ▪ Occupational Health ▪ Disaster Management ▪ Biomedical Waste Management 	45	30	75	3	1	4
Paper – III	<ul style="list-style-type: none"> ▪ Reproductive, Maternal Health, Child Health and adolescent (RMNCH+A) 	30	60	90	2	2	4
DSE	<ul style="list-style-type: none"> ▪ Research Methodology ▪ Law and Ethics in Public Health 	60	90	150	4	3	7
	<ul style="list-style-type: none"> ▪ Dissertation 	0	120	120	-	4	4
	Total	180	390	570	12	13	25

Semester – III

Paper - I

Theory - Hrs 45 (Credits – 03)

Practical – 30 Hrs (Credits – 01)

➤ **Non-communicable diseases (NCD) Epidemiology :**

- Describe and understand the epidemiology of NCDs: Cardiovascular diseases, Hypertension, Diabetes mellitus, Cancers, Mental health, Stroke, Burns/trauma/accidents etc.

- Comprehend the upstream and downstream determinants of NCDs
- Understand the Individual approaches/or high-risk approaches and population based/or public health approaches to prevent NCDs
- Recognize the risk factor approach to prevent non-communicable diseases
- Comprehend the Population based/public health approaches to prevention of common NCD risk factors (physical inactivity, tobacco and unhealthy diet)
- Familiarize with the current projects on targeting the prevention of NCDs, including innovations in prevention
- How prevention of NCDs interlinks with Communicable diseases. How women and child health, health of the girl child links to prevention of NCDs
- Recognize Economic burden of NCDs and benefits of prevention
- Comprehend how sustainable development and prevention of NCDs go hand in hand
- Comprehend the power of policy and role of environment in the prevention of NCDs
- Population-based screening
- Surveillance of cancers including cancer registry

Paper II

Theory- 45 Hrs (Credits – 03)

Practical – 30 Hrs (Credits – 1)

➤ **Health management: Management principles and practices:**

- Basic knowledge of health care systems and the environment in which health care managers and providers function
- Components of strategic management
- Project management
- Behavioural aspects of governmental, faith based and other non – governmental organizations
- Introduction to logistics management
- Introduction to human resource management
- Quality: define quality, its importance in public health, measures to manage and improve equality
- Introduction to Operational Research
- Risk management
- Effective management of Health Management Information Systems (HMIS) and its application
- Public Health Leadership

Paper - III

Theory – 30 Hrs (Credits – 02)

Practical – 60 Hrs (Credits – 02)

➤ **Health promotion approaches and methods:**

- Introduction to health promotion
- Foundations for health promotion
- Social determinants and health promotion
- Communication strategies for health promotion
- Overview of current national health policies, national health programs their health promotion strategies
- Community need assessment for designing an effective health promotion activity
- Evaluation of health promotion plans

- Substance abuse epidemic in parts of India
 - Smokeless (chewable) and smoked tobacco addictions in parts of India
 - Drunken driving: social and personal responsibilities and control measures
 - Stigmatization of health conditions
 - Behavioural issues in children and teens: substance abuse, suicide patterns
 - TV and other medias influencers of healthy/nonhealthy lifestyle
- **Introduction to financial management and budgeting**
- Introduction to financial management
 - Tools of financial analysis
 - Cash flow, accounts, balancing budget
 - Cost and dividends of health outcomes
 - Effectiveness and efficiency
 - Sustainability of health programs
- **Introduction to health Economics**
- Key concepts of economics, micro and macro economics
 - Strategizing and prioritizing within scarce resources (decision making)
 - Determinants of demand, supply and costs of production
 - Concepts of efficiency, effectiveness, equity, elasticity of demand, costing, production, marginal cost analysis, and opportunity cost
 - Market model, market failure, and the roles and limitations of markets in health care
 - Universal health coverage and role of health care financing
 - Principles and application of economic evaluation in health care including Cost Benefit Analysis (CBA) and Cost-Effective Analysis (CEA)
- **Discipline specific electives – Theory – 60 Hrs Practical 90 Hrs (Credits –7)**
- **Qualitative research-**
 - a) **Theory**
 - Study design
 - Methodology
 - Data analysis
 - Focus group discussion
 - b) **Practical**
 - Study design
 - Methodology
 - Data analysis
 - Focus group discussion
 - **Evaluation of national health policies**
 - a) **Theory**
 - National health policy 1983
 - National health policy 2002
 - National health policy 2017
 - Millennium development goals
 - Sustainable development goals
 - b) **Practical**

- National health policy 1983
- National health policy 2002
- National health policy 2017
- Millennium development goals
- Sustainable development goals

Dissertation --Practical 120 Hrs (Credits –4)

- Dissertation presentation and viva voce

Internship –

- **Two months**

M.P.H. Semester III

Course	Course title	Number of Hours per semester		Total	Number of Credits / Semester		Total Credits
		Theory	Practical		Theory	Practical	
Paper – I	<ul style="list-style-type: none"> ▪ Non communicable diseases Epidemiology 	45	30	75	3	1	4
Paper – II	<ul style="list-style-type: none"> ▪ Health Management ▪ Management principles and 						

	practices (Strategic management) ▪ introduction to operational research	45	30	75	3	1	4
Paper – III	▪ Health Promotion approaches and methods ▪ Introduction to financial managements ▪ Introduction to health economics	30	60	90	2	2	4
DSE	▪ Qualitative Research. ▪ Evaluation of national health policies / Programmes	60	90	150	4	3	7
	▪ Dissertation	-	120	120	-	4	4
	▪ Total	180	330	510	12	11	23

Semester – IV

Paper I

Theory – 45 Hrs (Credits – 03)

Practical – 60 Hrs (Credits – 02)

➤ National Health Programmes

The origin, historical development, interventions, current state and critique of the different National Health Programmes:

- National Family Welfare Programme (NFWP).
- National Tuberculosis Control Programme
- National Leprosy Eradication Programme.

- National Diarrhoeal Diseases Control Programme
- National Malaria Eradication Programme
- National Filariasis Control Programme
- National Acute Respiratory Infections (ARI) Control programme.
- National AIDS control Programme.
- National Guinea Worm Eradication Programme
- National Kala Azar Control Programme.
- National Japanese Encephalitis (JE) Control Programme
- National Iodine Deficiency Disorders(IDD)Control Programme
- National Programme for the control of Blindness.
- National Cancer Control Programme
- National Mental Health Programme
- National Diabetes Control Programme
- Child Survival and Safe Motherhood (CSSM)
- Reproductive Child Health (RCH)
- Universal Immunization Programme.(UIP)
- National Water Supply and Sanitation Programme.
- Minimum Needs Programme.

Paper - II

Theory –60 Hrs(Credits – 4)Practical - (60, Credits – 2)

- **Public Health Nutrition**
 - Appreciate the basic concepts and principles of foods and nutrition relevant to human health
 - Summarize population based dietary and nutritional recommendations
 - Define the concept, purpose and scope of Public Health Nutrition
 - Understand the definition, utility and applications of epidemiology in nutritional sciences
 - Recognize the role of community nutrition in improving human health
 - Utilize suitable data and assessment methodologies to conduct community needs assessment
 - Recognize the pillars of a healthy community
 - Identify the most relevant nutrition concerns in the community at present and enlist strategies for their prevention and management (Adolescent, Women, Maternal and child under-nutrition, nutrition transition, over-nutrition and chronic diseases)
 - Demonstrate an understanding of principles of nutrition education and enlist the steps of developing nutrition education programs
 - Demonstrate an understanding of project planning and management in nutrition programmes
 - Appreciate inter-sectoral nature of nutrition and food policy
 - Enlist the features of various ongoing nutrition programs
 - Under/over nutrition

Paper - III

Theory - 60 Hrs (Credits – 4)

Practical - (60, Credits – 2)

- **Demography and population sciences:**
 - Factors affecting population
 - Measures of fertility and mortality
 - Standardization methods

- Population growth and projection
 - Demographic transition
 - Implication of rapid population growth
 - Demographic dividend or disaster
 - Lifetable
 - Urbanization
- **Practical- Visits –**
- Slaughter house
 - Vegetable market
 - Hotel kitchen hygiene
 - Road side food vendors
 - Hotel- investigation of food handlers
 - Sugar factory
- **Dissertation- Practical -180 Hrs (Credits - 6)**
- Data Collection and data entry-

M.P.H. Semester IV

Course	Course title	Number of Hours per semester		Total	Number of Credits / Semester		Total Credits
		Theory	Practical		Theory	Practical	
Paper - I	National Health Programmes	45	60	105	3	2	5
Paper - II	Nutrition and Health	60	60	120	4	2	6
Paper- III	Demography and population sciences	60	60	120	4	2	6
	Dissertation Field visits	-	180	180	-	6	6
	Total	165	360	525	11	12	23

Books:-

- 1) Oxford textbook of Public Health Ed. Roger Detels, James Mcewen, Robert Beaglehole, and Heizo Tanaka Oxford University Press (OUP) 4th Edition: 2002
- 2) Public Health at the Crossroads Achievements and Prospercts. Robert Beaglehole, and Ruth Bonita 2nd Edition: Cambridge University Press
- 3) Maxcy – Rosenau-last Public Health & Preventive Medicine , Fourteenth Edition Ed Robert Wallace, MD, et al.
- 4) Epidemiology and Management for Health Care :Sathe, P. V. Sathe, A. P. Popular Prakashan, Mumbai, 1991
- 5) International Public Health: Diseases, Programs, Systems, and Policies by Michael Merson, Robert E Black, Anne J mills Jones and Bartlett Publishers.

6) Preventive and social Medicine , K Park, BansaridasBhanot Publishing Houuse

MPH- Examination Pattern

➤ Internal assessment examination:

▪ Theory:

Paper I	Q.1 LAQ (10 marks) Q.2 SAQs (2 x 5 marks = 10marks)	Total out of 20	Convert out of 10
Paper II	Q.1 LAQ (10 marks) Q.2 SAQs (2 x 5 marks = 10marks)	Total out of 20	Convert out of 10
Paper III	Q.1 LAQ (10 marks) Q.2 SAQs (2 x 5 marks = 10marks)	Total out of 20	Convert out of 10

▪ Practical:

Semester I		Semester II & III		Semester IV	
Epidemiology exercise	10 Marks	Epidemiology exercise	10 Marks	Epidemiology exercise	10 Marks
Bio-Statistics	10 Marks	Spotter	10 Marks	Dissertation Viva	10 Marks
Viva Voce	10 Marks	Viva Voce	10 Marks	Viva Voce	10 Marks
Total Marks	30 Marks	Total Marks	30 Marks	Total Marks	30 Marks
Convert out of	20 Marks	Convert out of	20 Marks	Convert out of	20Marks

➤ End Semester / University Examination:

▪ Theory:

Paper I	Q.1 LAQ (10 marks) Q.2 SAQs (6x 5 marks = 30marks)	Total out of 40
Paper II	Q.1 LAQ (10 marks) Q.2 SAQs (6x 5 marks = 30marks)	Total out of 40
Paper III	Q.1 LAQ (10 marks) Q.2 SAQs (6x 5 marks = 30marks)	Total out of 40

▪ Practical:

Semester I		Semester II & III		Semester IV	
Epidemiology exercise :	10 Marks	Epidemiology exercise :	10 Marks	Epidemiology exercise :	10 Marks
Statistics :	10 Marks	Spotter :	10 Marks	Dissertation Viva:	10 Marks
Viva Voce :	10	Viva Voce :	10	Viva Voce :	10

	Marks		Marks		Marks
Total Marks	30 Marks	Total Marks –	30 Marks	Total Marks	30 Marks

➤ **Electives Assessment:**

Semester	Elective	Topic	Marks	
			Theory	Practical
Semester I	Generic	Stress management OR Personality development	Out of 25	NA
Semester II	Discipline Specific Electives	Research Methodology OR Law and Ethics in Public Health	Out of 15	Out of 10
Semester III	Discipline Specific Electives	Qualitative Research. OR Evaluation of national health policies / Programs	Out of 15	Out of 10

➤ **Dissertation Assessment:**

Semester	Semester wise marks allotted
Semester I	10
Semester II	30
Semester III	20
Semester IV	20

1. Promotion and award of grades

A student shall be declared PASS and eligible for getting he/she secures at least 50% marks in that particular course including internal assessment..

2. Carry forward of marks

In case a student fails to secure the minimum 50% in any Theory or Practical course as specified, then he/she shall reappear for the end semester examination of that course. However his/her marks of the Internal Assessment shall be carried over and he/she shall be entitled for grade obtained by him/her on passing.

3. Improvement of internal assessment

A student shall have the opportunity to improve his/her performance only once in the Sessional exam component of the internal assessment. The re-conduct of the Sessional exam shall be completed before the commencement of next end semester theory examinations.

Grading of performances

Letter grades and grade points allocations:

Based on the performances, each student shall be awarded a final letter grade at the end of the semester for each course. The letter grades and their corresponding grade points are given in table I

Table –I Letter grades and grade points equivalent to Percentage of marks and performances

Percentage of Marks Obtained	Letter Grade	Grade Point	Performance
90.00 – 100	O	10	Outstanding
80.00 – 89.99	A	9	Excellent
70.00 – 79.99	B	8	Good
60.00 – 69.99	C	7	Fair
50.00 – 59.99	D	6	Average
Less than 50	F	0	Fail
Absent	AB	0	Fail

A learner who remains absent for any end semester examination shall be assigned a letter grade of AB and a corresponding grade point of zero. He/she should reappear for the said evaluation/examination in due course.

18. The Semester grade point average (SGPA)

The performance of a student in a semester is indicated by a number called ‘Semester Grade Point Average’ (SGPA). The SGPA is the weighted average of the grade points obtained in all the courses by the student during the semester. For example, if a student takes five courses(Theory/Practical) in a semester with credits C1, C2, C3, C4 and C5 and the student’s grade points in these courses are G1, G2, G3, G4 and G5, respectively, and then students’ SGPA is equalto:

$$\text{SGPA} = \frac{C1G1 + C2G2 + C3G3 + C4G4 + C5G5}{\text{-----}}$$

$$C_1 + C_2 + C_3 + C_4 + C_5$$

The SGPA is calculated to two decimal points. It should be noted that, the SGPA for any semester shall take into consideration the F and ABS grade awarded in that semester. For example if a learner has a F or ABS grade in course 4, the SGPA shall then be computed as:

$$\text{SGPA} = C_1G_1 + C_2G_2 + C_3G_3 + C_4 * \text{ZERO} + C_5G_5$$

$$C_1 + C_2 + C_3 + C_4 + C_5$$

Cumulative Grade Point Average (CGPA)

The CGPA is calculated with the SGPA of all the VIII semesters to two decimal points and is indicated in final grade report card/final transcript showing the grades of all VIII semesters and their courses. The CGPA shall reflect the failed status in case of F grade(s), till the course(s) is/are passed. When the course(s) is/are passed by obtaining a pass grade on subsequent examination(s) the CGPA shall only reflect the new grade and not the fail grades earned earlier. The CGPA is calculated as:

$$\text{CGPA} = \frac{C_1S_1 + C_2S_2 + C_3S_3 + C_4S_4 + C_5S_5 + C_6S_6 + C_7S_7 + C_8S_8}{C_1 + C_2 + C_3 + C_4 + C_5 + C_6 + C_7 + C_8}$$

$$C_1 + C_2 + C_3 + C_4 + C_5 + C_6 + C_7 + C_8$$

where C_1, C_2, C_3, \dots is the total number of credits for semester I, II, III, \dots and S_1, S_2, S_3, \dots is the SGPA of semester I, II, III, \dots

19. Declaration of class

The class shall be awarded on the basis of CGPA as follows:

First Class with Distinction= CGPA of. 7.50 and above

First Class= CGPA of 6.00 to 7.49

Second Class= CGPA of 5.00 to 5.99

20. Award of Ranks

Ranks and Medals shall be awarded on the basis of final CGPA.

21. Award of degree

Candidates who fulfill the requirements mentioned above shall be eligible for award of degree during the ensuing convocation.

CBCS FOR Master of Public Health

Program: Master of Public Health

Department: KIMS

Subject: Public Health

Scheme: CBCS

Subject		Sem-I			Sem-II			Sem-III			Sem-IV			Total		
		T	P	Total	T	P	Total	T	P	Total	T	P	Total	T	P	Total
Core-I	Hr	90	120	210	60	90	150	60	60	120	90	90	180	300	360	660
	Cr	6	4	10	4	3	7	4	2	6	6	3	9	20	12	32
Core-II	Hr	75	120	195	60	90	150	60	60	120	75	90	165	270	360	630
	Cr	5	4	9	4	3	7	4	2	6	5	3	8	18	12	30
Total	Hr	165	240	405	120	180	300	120	120	240	165	180	345	570	720	1290
	Cr	11	8	19	8	6	14	8	4	12	11	6	17	38	20	62

Generic Elective - Any One

1. Stress Management
2. Personality Development

Discipline Specific Elective - Any One

Semester II- 1. Research Methodology

2. International Health Agencies

Semester III- 1. Qualitative Research

2. Evaluation of National Health Policies

CBCS FOR Master of Public Health

Program: Master of Public Health

Department: KIMS

Subject: Public Health

Scheme: CBCS

Subject		Sem-I			Sem-II			Sem-III			Sem-IV			Total		
		T	P	Total	T	P	Total	T	P	Total	T	P	Total	T	P	Total
AEC	Hr	-	-	-	60	90	150	60	90	150	-	-	-	120	180	300
	Cr	-	-	-	4	3	7	4	3	7	-	-	-	8	6	14
Generic	Hr	75	0	75	-	-	-	-	-	-	-	-	-	75	0	75
	Cr	5	0	5	-	-	-	-	-	-	-	-	-	5	0	5
Dissertation	Hr	0	60	60	0	120	120	0	120	120	0	180	180	0	480	480
	Cr	0	2	2	0	4	4	0	4	4	0	6	6	0	16	16
Grand Total	Hr	240	300	540	180	390	570	180	330	510	165	360	525	765	1380	2145
	Cr	16	10	26	12	13	25	12	11	23	11	12	23	51	46	97

